EC - Declaration of Conformity

We declare that our products (lighting equipments) comply with the following specification and bears CE mark in accordance with the provision of the Electromagnetic Compatibility (EMC) Directive 89/336/EEC.

EN55014-2: 1997 A1: 2001, EN61000-4-2: 1995; EN61000-4-3: 2002; EN61000-4-4: 1995; EN61000-4-5: 1995, EN61000-4-6: 1996, EN61000-4-11: 1994.

&

Harmonized Standard

EN60598-1: 2000+ALL: 2000+A12: 2002

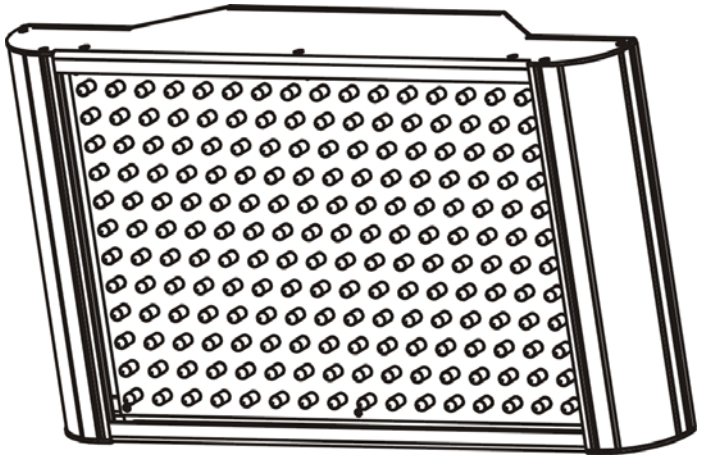
Safety of household and similar electrical appliances

Part 1: General requirements

Innovation, Quality, Performance

LED STROBE RGB

DMX512 | LINKABLE STAND ALONE | Marvelous Sound Activation



LED-192 RGB

User Manual

Please read the instructions carefully before use

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1. Check the connection of power and main fuse.
2. Measure the mains voltage on the main connector.

B. Not responding to DMX controller

1. DMX LED should be on. If not, check DMX connectors, cables to see if link properly.
2. If the DMX LED is on and no response to the channel, check the address settings and DMX polarity.
3. If you have intermittent DMX signal problems, check the pins on connectors or on PCB of the fixture or the previous one.
4. Try to use another DMX controller.
5. Check if the DMX cables run near or run alongside to high voltage cables that may cause damage or interference to DMX interface circuit.

C. Some fixtures don't respond to the easy controller

1. You may have a break in the DMX cabling. Check the LED for the response of the master/ slave mode signal.
2. Wrong DMX address in the fixture. Set the proper address.

D. No response to the sound

1. Make sure the fixture does not receive DMX signal.
2. Check microphone to see if it is good by tapping the microphone.

E. One of the channels is not working well

1. The stepper motor might be damaged or the cable connected to the PCB is broken.
2. The motor's drive IC on the PCB might be out of condition.

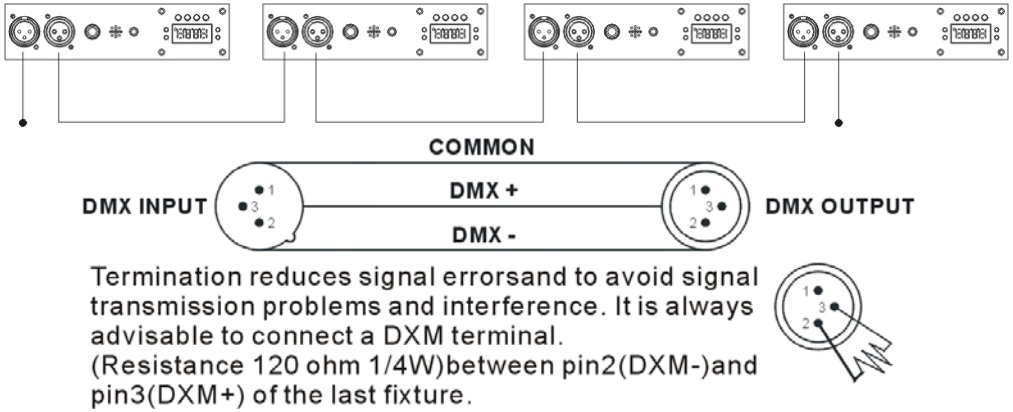
8. Fixture Cleaning

The cleaning of internal must be carried out periodically to optimize light output. Cleaning frequency depends on the environment in which the fixture operates: damp, smoky or particularly dirty surrounding can cause greater accumulation of dirt on the fixture's optics.

- Clean with soft cloth using normal glass cleaning fluid.
- Always dry the parts carefully.
- Clean the external optics at least every 20 days. Clean the internal optics at least every 30/60 days.

6. DMX512 Connections

The DMX512 is widely used in intelligent lighting control, with a maximum of 512 channels.


COMMON
DMX INPUT
DMX +
DMX -
DMX OUTPUT
Termination reduces signal errorsand to avoid signal transmission problems and interference. It is always advisable to connect a DXM terminal.
(Resistance 120 ohm 1/4W)between pin2(DXM-)and pin3(DXM+) of the last fixture.

1. Connect the fixture together in a “daisy chain” by XLR plug cable from the output of the fixture to the input of the next fixture. The cable cannot be branched or split to a “Y” cable. Inadequate or damaged cables, soldered joints or corroded connectors can easily distort the signal and shut down the system
2. The DMX output and input connectors are pass-through to maintain the DMX circuit when one of the units’ power is disconnected.
3. At last fixture, the DMX cable has to be terminated with a terminator to reduce signal errors. Solder a 120-ohm 1/4W resistor between pin 2(DMX-) and pin 3(DMX+) into a 3-pin XLR-plug and plug it in the DMX-output of the last fixture.
4. Each lighting fixture needs to have an address set to receive the data sent by the controller. The address number is between 0-511 (usually 0 & 1 are equal to 1).
5. 3 pin XLR: Pin 1: GND, Pin 2: Negative signal (-), Pin 3: Positive signal (+)

7. Troubleshooting

Following are a few common problems that may occur during operation. Here are some suggestions for easy troubleshooting:

A. The fixture does not work, no light

1. Safety Introductions

WARNING

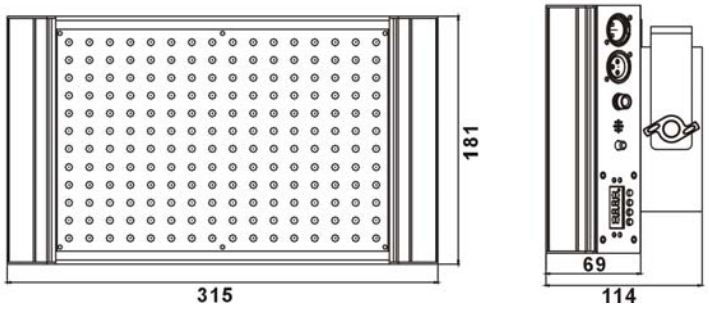
Please read the instructions carefully which includes important information about the installation, operation and maintenance.

- Please keep this User Manual for future consultation. If you sell the fixture to another user, be sure that they also receive this instruction booklet.
- Unpack and check carefully there is no transportation damage before using the fixture.
- Before operating, ensure that the voltage and frequency of power supply match the power requirements of the fixture.
- It’s important to ground the yellow/green conductor to earth in order to avoid electric shock.
- Disconnect main power before servicing and maintenance.
- Use safety chain when fixes this fixture. Don’t handle the fixture by taking its head only, but always by taking its base.
- Maximum ambient temperature is Ta：40℃. Don’t operate it where the temperature is higher than this.
- In the event of serious operating problem, stop using the fixture immediately. Never try to repair the fixture by yourself. Repairs carried out by unskilled people can lead to damage or malfunction. Please contact the nearest authorized technical assistance center. Always use the same type spare parts.
- Do not connect the device to any dimmer pack.
- Do not touch any wire during operation and there might be a hazard of electric shock.
- To prevent or reduce the risk of electrical shock or fire, do not expose the fixture to rain or moisture.
- The housing must be replaced if they are visibly damaged.
- Do not look directly at the LED light beam while the fixture is on.
- There are no user serviceable parts inside the fixture. Do not open the housing or attempt any repairs by yourself. In the unlikely event your fixture may require service, please contact your nearest dealer.

For power supply, do not connect in series much more than 33 units, use another mains supply for next 33 units.

2. Technical Specifications

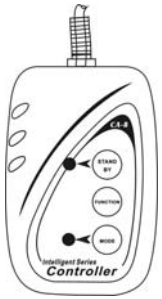
- It can be operated by DMX512 control or can be used as an individual unit without controller.
- It can be linked together as many as required in master/slave mode, and perform the great built-in programmed lighting shows triggered by music.
- Please use a 3 pin XLR cable/plug when connecting them together.
- It features different pre-programmed chase patterns.
- **Power supply**
  Input Voltage：100V-240V~50-60Hz
- **Power consumption：**18W
- **LED**
  Total 192pcs: Red 64pcs, Green 64pcs, Blue 64pcs
- **Channels**
  Ch 1 = Red
  Ch 2 = Green
  Ch 3 = Blue
  Ch 4 = Dimmer/strobe
- **Dimension：** 315mm x 181mm x 114mm
- **Weight：** 2.1 kg



3. Main Function

To select any functions, press **MENU** button until the required one is shown on the display. Select the function by **ENTER** button and the display will blink. Use **DOWN** and **UP** button to

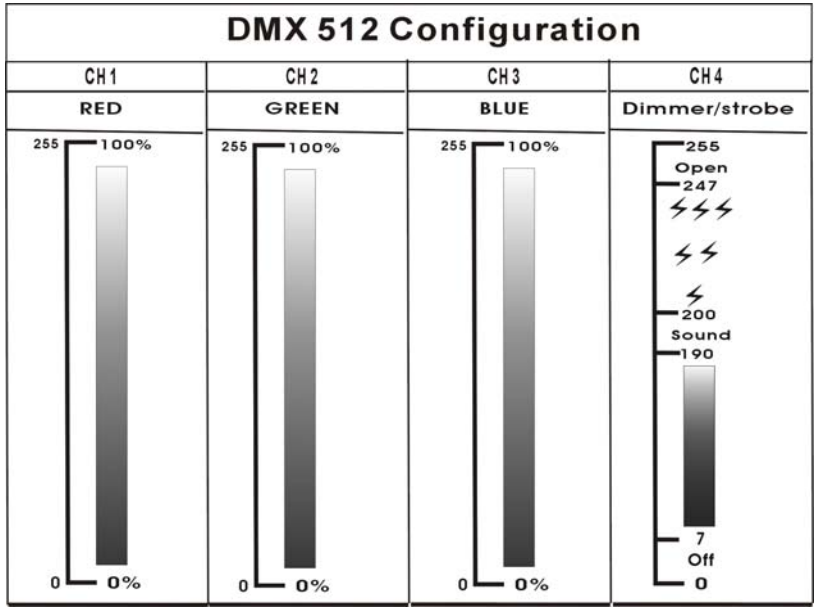
C. Easy Controller (by CA-8)



The easy remote control is used only in master/slave mode. There is a terminator for connect the easy controller inside the fixture. By connecting the cable into DMX IN waterproof cable entry gland to the CA-8 terminator of the first fixture, you will find that the remote control on the first fixture will control all the other fixtures for Stand by, Function and Mode functions.

Blackout	Blackout the unit			
Function	1. Strobe White 2. Strobe Multicolor	Color 1-9	Show 1-5	Fade Speed 1-3
Mode	Sound (LED OFF)	LED ON	LED Slow blinking	LED Fast blinking

5. DMX512 Configuration



4. How to control the fixture

Three ways of operation:

A. Master/Slave operation

B. DMX controller

C. Easy controller CA-8

A. Master/Slave operation

By linking the units in master/slave connection, the first unit will control the other units to give an automatic, sound activated, synchronized light show. This function is good when you want an instant show. You have to set the first unit in master mode MASt. Its DMX input jack will have nothing plugged into it, and It's master LED will be constantly on and sound LED will flash to the music. The other units will have to set in slave mode and select SL 1 (normal) or SL 2 (2 light show) or SL 3 (3 light show) or SL 16 (16 light show) mode, Their DMX cables plugged into the DMX input jacks (daisy chain) and the slave led lights will constantly on.

2-light show

In slave mode, SL 1 means the unit works normally and SL 2 means 2-light show. In order to create a great light show, you can set SL 2 on the second unit to get contrast movement to each other, even if you have two units only.

B. DMX controller

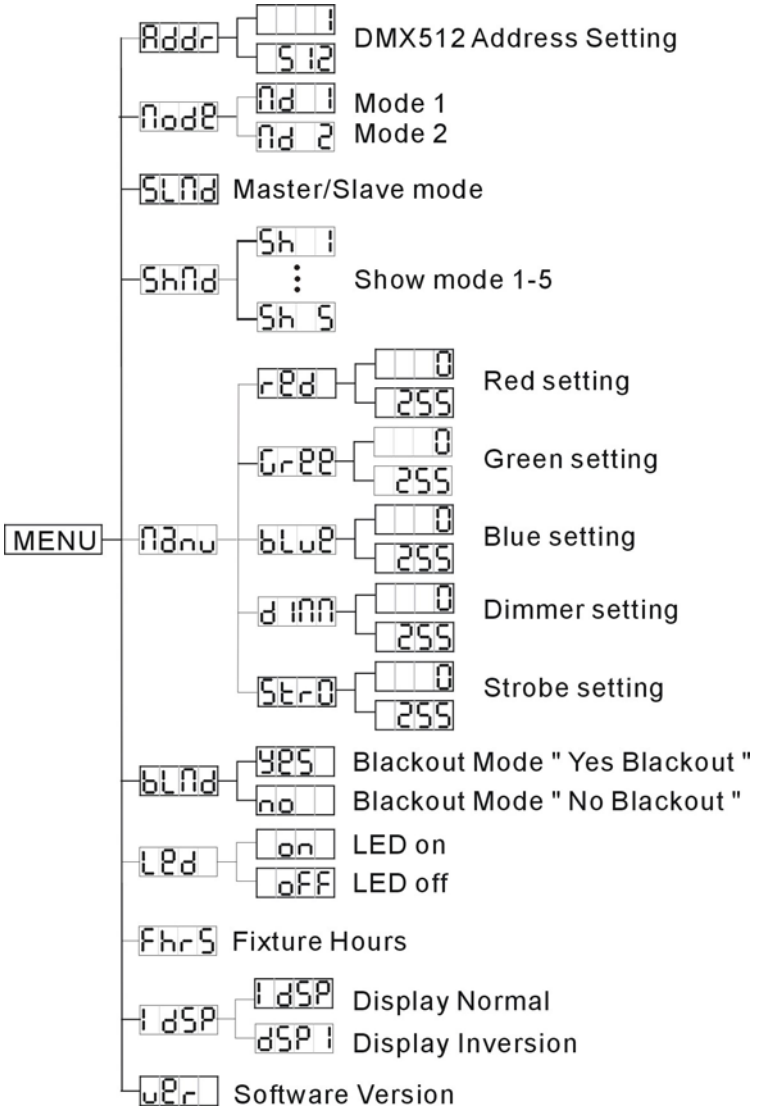
If you use a universal DMX controller to control the units, you have to set DMX address from 1 to 512 channel so that the units can receive DMX signal.

Press the **MENU** button up to when the Addr is shown on the display. Pressing **ENTER** button and the display will blink. Use **DOWN** and **UP** button to change the DMX512 address. Once the address has been selected, press and keep **ENTER** button pressed up to when the display stops blinking or storing automatically 8 seconds later. To go back to the functions without any change press the **MENU** button again.

Please refer to the following diagram to address your DMX512 channel for the first 4 units.

4 Channels： 1 5 9 13

change the mode. Once the required mode has been selected, press **ENTER** button to setup or it will automatically return to the main functions without any change after idling 10 seconds. Back to the functions without any change press **MENU** button. The main functions are shown below:



Addr DMX 512 Address Setting

Press the **MENU** button up to when the Addr is shown on the display. Pressing **ENTER**

button and the display will blink. Use **DOWN** and **UP** button to change the DMX 512 address. Once the address has been selected, press **ENTER** button to setup or automatically return to the main functions without any change after 10 seconds. Back to the previous functions without any change press **MENU** button.

Mode

Press the **MENU** button up to when the Mode is shown on the display. Pressing **ENTER** button and the display will blink. Use **DOWN** and **UP** button to select Md 1 (mode 1) or Md 2 (mode 2), press **ENTER** button to setup or automatically return to the main functions without any change after 10 seconds. Back to the previous functions without any change press **MENU** button.

Md 1 You can set 4-Lights show.

Md 2 You can set 16-Lights show.

Master/Slave Mode

Press the **MENU** button up to when the SLAd is shown on the display. Pressing **ENTER** button, Use **DOWN** and **UP** button to select the MASt, SL 1, SL 2, SL 3 ····· or SL 16 (Master mode, Slave Mode 1, 2, 3 ····· or 16). Press **ENTER** button to setup or automatically return to the main functions without any change after 10 seconds. Back to the previous functions without any change press **MENU** button.

Show Mode

Press the **MENU** button up to when the ShAd is shown on the display. Use **DOWN** and **UP** button to select the Sh 1 or Sh 5 press **ENTER** button to setup or automatically return to the main functions without any change after 10 seconds. Back to the previous functions without any change press **MENU** button.

Manual Setting

Press the **MENU** button up to when the ManU is shown on the display. Pressing **ENTER** button and the display will blink. Use **DOWN** and **UP** button to select rEd or GrEE or bLuE or dIMM or StrO, press **ENTER** button into submenu, and use **DOWN** and **UP** button to change the lighteness or strobe frequency, once the value selected, press **ENTER** button to setup or automatically return to the main functions without any change after 10 seconds. Back to the previous functions without any change press **MENU** button.

Blackout Mode

Press the **MENU** button up to when the bLAd is shown on the display. Use **DOWN** and **UP** button to select the “Yes” or “No” Blackout, Back to the previous functions without any change press **MENU** button.

LED

Press the **MENU** button up to when the LEd is shown on the display. Pressing **ENTER** button and the display will blink. Use **DOWN** and **UP** button to select the “ON” or “OFF” mode. Once the mode has been selected, press **ENTER** button to setup or automatically return to the main functions without any change after 10 seconds. Back to the functions without any change press **MENU** button again.

Fixture Hours

Press the **MENU** button up to when the FHrS is blinking on the display. Pressing **ENTER** button and the display will show the number of working hours of the unit. To go back to the functions press the **MENU** button again.

Display Inverse

It is good for you to install the unit on the floor or under ceiling. Press the **MENU** button up to when the IdSP is blinking on the display. Use the **ENTER** button to change to the mode IdSP (display normal), It will automatically store after 8 seconds. Or press the **ENTER** button again return to the mode dSPI (display inversion). To go back to the functions press the **MENU** button.

IdSP Display normal mode for the fixture putting on the floor.

dSPI Display inversion mode for the fixture fixing under ceiling.

Software version

Press the **MENU** button up to when the UEr is blinking on the display. Pressing **ENTER** button and the display will show the version of software of the unit. To go back to the functions press the **MENU** button again.